

10.0 RANDOM ACCESS TO NLETS DATA (RAND)

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10.0 RANDOM ACCESS TO NLETS DATA (RAND)

10.1 DESCRIPTION

The Nlets message switch logs all messages. The RAND transaction enables authorized users to access this data for investigative purposes.

See Appendix A, Section 10.0 for XML formats and examples.
See Appendix B, Section 10.0 for Native formats and examples.

10.1.2 OVERVIEW

Messages are logged as they leave the Nlets switch. Messages intended for Nlets itself such as ORION messages, are recorded on arrival and any generated response messages are also recorded. Embedded images in messages are not logged. Receipt and routing of ANSI/NIST messages such as rap sheets or fingerprint sets are logged but no message content is saved retained.

10.2 INQUIRY MESSAGE KEYS

NLQ	Used to retrieve list of traffic within a specified time frame
NFQ	Used to retrieve specific messages from the list produced by the NLQ

10.3 INQUIRY DESTINATION LIMITATIONS

NLQ	Must be directed to "NL"
NFQ	Must be directed to "NL"

10.4 RAND DATA ELEMENTS

10.4.1 NLQ DATA ELEMENTS

Field	MFC
Message key	None
ORI of requesting agency	None
Destination	None
Fixed field prefix denoting beginning of message	TXT
Message type	TYP/
Member	SRC/
Destination ORI	DST/
Beginning date & time	BEG/
Ending date & time	END/
Free text (data to search for)	FND/
Contained within, or in lieu of, the FND filed, the message filed code can be used to identify the name of person of interest. IT should be noted name based searches are NOT confined to text beginning with NAM/.- A dot "." Must precede each instance of "NAM/"	■NAM/
Contained with the FND filed, the message field code AND/ can be used to set and limit search criteria. For example, if you want to limit search results to records with ABC*123 AND the word Albuquerque AND Buick- A dot "." Must precede each instance of "AND/"	■AND/

10.4.1.1.1 ADDITIONAL NLQ TRANSACTION INFORMATION

- Output begins with the date on a line by itself.
- A series of lines follow, each starting with a time and continuing with the member the message was sent to (or received from), the sequence number of the message, the originator ORI, the message type, the destination ORI, and up to 40 characters of message data beginning with the first point in the message where any search term matched.
- If the results cover more than one date, the next date is printed and followed by the search hits for that day.
- There is a limit of 100 hits for a given NLR. If more than 100 hits are necessary, the time and date of the last hit can be used as the BEG field date of a subsequent query where all other fields are as they were in the original NLQ.

10.4.1.1 NLQ INQUIRY FORMAT

NLQ•ORI•NL•TXT TYP/____•SRC/____•DST__•BEG/____•END/____•FND/____



Mandatory fields



Conditional field; Image optional in DQ; not allowed in DQG



Optional fields

10.4.1.2 NLQ INQUIRY - EXAMPLES

QUERY BY DATE WITH NO TIME PARAMETERS – ALSO USES THE “AND” FUNCTION

```
NLQ.OR0370100.NL.TXT TYP/RQ,RR.SRC/OR024015Y.DST/OR.BEG/20070713.END/20070714.
FND/ABC*123.AND/ALBUQUERQUE.AND/BUICK
```

QUERY BY DATE WITH TIME PARAMETERS – ALSO USES THE “AND” FUNCTION

```
NLQ.OR0370100.NL.TXT TYP/RQ,RR.SRC/OR024015Y.DST/OR.BEG/20070713@1000
.END/20070714@1500.FND/ABC*123.AND/ALBUQUERQUE.AND/BUICK
```

10.4.1.3 NLQ RESPONSE - EXAMPLE

```
NLR.NL00000000
00006
HH:MM MM/MM/CCYY 00008 OR024015Y
TXT
DATE/20070713.
TIME  MEM  SEQ  ORI          TYPE  DEST  TEXT
0745  TX    01202 TX0123456   RR    NM    ABC123.LIT/PC.LIY/99
0746  NM     00067 NMDMV0001  RR    TX    0123456 ABC*123. EXPIRE DATE/1099
1112  TX     00245 TX0864200   RR    NM    ABC123.LIY/99.LIT/PC
1113  NM     00488 NMDMV0001  RR    TX    0864200 ABC*123. EXPIRE DATE/1099
```

10.4.2 NFQ DATA ELEMENTS




Field	MFC
Message key	None
ORI of requesting agency	None
Destination	None
Fixed field prefix denoting beginning of message	TXT
Message date from NLR	DAT/
Member name for the message to retrieve	MEM/
Message sequence number	MSG/

10.4.2.2.1 ADDITIONAL NFQ TRANSACTION INFORMATION

- The message sequence field (MSG) may repeat to retrieve more than one message for the given member and date.
- All retrieved messages in a single NFQ must be for the same date since the date field (DAT) cannot be repeated.

10.4.2.1 NFQ INQUIRY FORMAT

NFQ•ORI•NL•TXT DAT/____•MEM/____•MSG/____

-  Mandatory fields
-  Conditional field; Image optional in DQ; not allowed in DQG
-  Optional fields

10.4.2.2 NFQ INQUIRY - EXAMPLES

QUERY TO RETRIEVE SINGLE MESSAGE

NLQ.OR0370100.NL.TXT DAT/20070713.MEM/TX.MSG/0745

QUERY TO RETRIEVE MULTIPLE MESSAGES

NLQ.OR0370100.NL.TXT DAT/20070713.MEM/TX.MSG/0745.MSG/0746

10.4.2.3 NFQ INQUIRY - EXAMPLES

```
NLR.NL0000000
11:16 11/01/1998 00006
11:16 11/01/1998 00008 CA1234567
TXT
DAT/20070713.MEM/TX.MSG/0745.
TEXT OF RETRIEVED MESSAGE FOLLOWS
RR.NMDMV0001
07:45 04/06/98 02319
07:45 04/06/98 02484 TX0123456
TXT
NEW MEXICO VEHICLE REGISTRATION INQUIRY
LIC/ABC*123. EXPIRE DATE/1099. LIT/PC.
WHITE SHARON
4208 AVENIDA DE LA COSA ALBUQUERQUE NM 87123
DOB/ NOT ON FILE
VIN/1MELM62W3SH555121. VYR/95. VMA/BUICK. VMO/REGAL. VST/4D.
TITLE/94199214A024680. LIENS/NON
```

10.5 NLETS AUTOMATED HELP FILE

There is no online help file for RAND transactions; however, 24-hour phone support can be obtained by calling the Nlets operations center at 800-528-4020.

10.6 MESSAGE FIELD CODE (MFC) DIRECTORY

Each message transaction is comprised of multiple data elements; this section provides the necessary information on data elements for this transaction. Each data element is identified by a specific field name. Each field name is abbreviated with a unique three-character code called a message field code (MFC). The MFC's are sorted alphabetically, then followed by a plain-word description of each. The number immediately following the description indicates the maximum number of characters allowed for that data element. Below the description line is text describing specific requirements for this field.

10.6.1 **AND** MFC TO INDICATE ADDITIONAL SEARCH COMPONENTS - 250 **CONDITIONAL**

Alphanumeric only; can be contained within the FND field. AND/ can be used to set and limit search criteria. For example, if you want to limit search results to records with ABC*123 **AND** the word Albuquerque **AND** Buick- A dot "." Must precede **each** instance of "AND/"

- Optional in NLQ transaction
- Not allowed NFQ transaction

10.6.2 **BEG** BEGINNING DATE (WITH OPTIONAL TIME) OF SEARCH - 8 OR 13 **CONDITIONAL**

Alphanumeric only. The beginning date and optional time for the query, followed by period. The format is ccyyymmdd or ccyyymmdd@hhmm.

- Mandatory in NLQ transaction
- Not allowed NFQ transaction

10.6.3 **DAT** MESSAGE DATE FROM NLQ RESPONSE - 8 **CONDITIONAL**

Numeric only; date of the record to be retrieved. This date is shown near the left hand margin of the NLQ response.

- Mandatory in NFQ transaction
- Not allowed NLQ transaction

10.6.4 **END** END DATE (WITH OPTIONAL TIME) OF SEARCH - **8 OR 13**

CONDITIONAL

Alphanumeric only. The beginning date and optional time for the query, followed by period. The format is ccyyymmdd or ccyyymmdd@hhmm.

- Mandatory in NLQ transaction
- Not allowed NFQ transaction

10.6.5 **FND** FIELD TO IDENTIFY SPECIFIC TEXT TO FIND - **250**

CONDITIONAL

Alphanumeric only; character string containing text to search for. This string need not be padded and will be stored with leading and trailing spaces and carriage return-line feed sequences removed. The string is terminated by the end of message or by a period. Most characters in this field represent themselves. This field can be replaced with the NAM field.

- Optional in NLQ transaction
- Not allowed NFQ transaction

10.6.6 **MEM** MEMBER NAME OF THE MESSAGE TO RETRIEVE - **2**

CONDITIONAL

Alphanumeric only; source of messages either in the form of a two-character member (state) code or a full 9 character ORI followed by a period.

- Mandatory in NFQ transaction
- Not allowed NLQ transaction

10.6.7 **MSG** MESSAGE NUMBER OF THE MESSAGE TO RETRIEVE - **5**

CONDITIONAL

Numeric only; five digit message sequence number shown in the NLQ response.

- Mandatory in NFQ transaction
- Not allowed NLQ transaction

10.6.8 **NAM** NAME OF SUBJECT(S) OF SEARCH - **250**

CONDITIONAL

Alpha only; can be contained within, or in lieu of, the FND field. NAM/ can be used to set and limit search criteria by listing the name(s) of the subject(s) of interest. A dot "." Must precede **each** instance of "NAM/"

- Optional in NLQ transaction
- Not allowed NFQ transaction

10.6.9 **SRC** MEMBER STATE NAME OR ORI - **2 OR 9**

CONDITIONAL

Alphanumeric only; source of messages either in the form of a two-character member (state) code or a full 9 character ORI followed by a period.

- Mandatory in NLQ transaction
- Not allowed NFQ transaction

10.6.10 **TYP** TYPE OF MESSAGE KEY BEING SEARCHED FOR - **100**

CONDITIONAL

Alpha only; identifies one or more message types, separated by commas and optional spaces, ending with a period; examples of message types are CWQ, IAQ, etc. A value of ALL indicates searching all message types.

- Mandatory in NLQ transaction
- Not allowed NFQ transaction